Where technology reigns

AAID enhances its offerings with new features

By Sierra Rendon, Managing Editor

“Technology and Biology” was not just the theme of the AAID’s annual meeting, taking place Oct. 23–26 at the JW Marriott Desert Ridge in Phoenix. It was also integrated into nearly every aspect of the show, from the main podium to the intensive courses to the exhibit hall.

At the main podium, as speakers such as Dr. Stephen Chu and Dr. Paulo Malo provided in-depth information on clinical subjects, attendees had the opportunity to text questions the presenter would then answer live at the end of his or her program. This feature continued throughout the event at all main podium sessions.

The opening day of the event’s international symposium, “International Excel...”

American Academy of Implant Dentistry and its foundation recognize dentists

The American Academy of Implant Dentistry recognized three dentists with the highest awards given by the academy during its recent 62nd annual meeting.

Named the recipient of the Aaron Gershkoff /Norman Goldberg Memorial Award was Emile Martin, DDS, FAAID, DABOI/ID, of Syracuse, N.Y.

An honored fellow of the American Academy of Implant Dentistry and a diplomate of the American Board of Oral Implantology/Implant Dentistry, Martin is a past president of the AAID and its foundation, as well as a fellow and past president of the Academy of Laser Dentistry. He is the recipient of the Academy of General Dentistry Lifelong Learning and Service Recognition Award.

The 2013 recipient of the Isaih Lew Memorial Research Award was Ulf Me Wikesjö, DDS, DMD, PhD, of Augusta, Ga. He currently serves as professor of periodontics and oral biology at the College of Dental Medicine, Georgia Regents University. Wikesjö is the founding director of Sweden’s Laboratory for Applied Periodontal and Craniofacial Regeneration, and he was the 2008 winner of the prestigious US Prix Galien Award for Best Biotechnology Product. He is a diplomate of the American Board of Periodontology and is the author of more than 190 original articles, reviews and chapters of scientific journals and texts.

David Resnick, DDS, FAAID, DABOI/ID, of Ada, Minn., was named the recipient of the inaugural Paul Johnson Service Award to acknowledge AAID members whose volunteer efforts have been above and beyond the norm. He is an honored fellow of the American Academy of Implant Dentistry and a diplomate of the American Board of Oral Implantology/Implant Dentistry. Resnick served six years on the membership committee and continues his tenure on the admissions and credentials board. His efforts on behalf of the academy’s Central District have been instrumental in the resurgence of that district.

Established in 1951, the AAID is the only implant organization that offers dental implant credentials recognized by state and federal courts as bona fide. Its membership, which exceeds 4,600, includes general dentists, oral surgeons, periodontists and prosthodontists from across the United States and in 40 other countries.

For more information about the AAID and its credentialed members, visit the American Academy of Implant Dentistry’s website at www.aaid.com or www.thedentalimplanexperts.com or call the AAID at (312) 335-1550 or (877) 335-AAID (2243).
In Implant Dentistry — The Spanish Connection," offered simultaneous translation, and live surgery presenta-
tions continued to be held throughout the meeting.
Perhaps the advancement of "Technology and Biology" was most prominent in the meeting’s Implant World Expo, in which dozens of companies brought the latest and greatest in implant den-
tistry innovation to share with attend-
ées. Whether attendees were looking for abutments, instruments, lasers, graft-
ning materials, cone beam or any other implant technology, it was likely to be
found in the Implant World Expo.
Here is a sampling of the variety of events and activities that took place during
the AAID Annual Meeting in Phoe-
nix.
A live surgery broadcast from Phila-
delphia featured Drs. Thomas J. Balshi and Stephen F. Balshi, who aimed to fa-
miliarize participants with the surgical
and prosthetic phases of the Teeth-in-
a-Day® protocol. The live clinical proce-
dure included overall site preparation, identification of critical anatomy, oste-
otomy, implant placement, abutment selection and the construction of the screw-retained fixed provisional pros-
thesis.
"Vertical Augmentation Surgery” was the focus of a second live surgery, this one broadcast from Loma Linda Univer-
sity. Surgeon Istvan Urban offered an in-depth view of vertical ridge augmen-
tation using GBR. Flap design, bone graft
and membrane placement and tension-
free flap closure were demonstrated
during the popular session. Dr. Joel
Rosenlicht moderated the presentation.
- In the Implant World Expo, Nobel Bio-
care hosted live clinical demonstrations
at its booth focusing on “Surgical and Re-
storative Procedures for the Edentulous Patient using the All-on-4® Treatment
Concept and NobelGuide™.” Dr. Caesar C.
Butura and Chuck Genco, CDT, were the
featured speakers for those sessions.

Chuck Genco, CDT, speaks during a live clinical demonstration at the Nobel Biocare booth during the AAID Annual Meeting in Phoenix.

An AAID attendee checks out the poster presentations at the meeting.

AAID attendees stream into the Implant World Expo to explore exhibitors’ new products.
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Now through the end of December 2013, customers who purchase 4 packages of Mini Cartridges will receive one additional package FREE! Purchase at least 2 packages and receive the Mini Cartridge Dispenser FREE.

* FREE Dispenser limited to one per customer. Not to be combined with any other promotions or discounts. Offer valid through December 31st, 2013.
Scenes from the AAID

Dr. Ron Nguyen and Helen Trang demonstrate the use of Ultralight Optics products at the company’s booth at the AAID Annual Meeting.

Dave Dommel, director of sales, is ready to help at ACE Surgical’s booth.

An AAID attendee tries out equipment at the SurgiTel booth.

MGUIDE Sales Specialist Ori Markowitz helps an AAID attendee at the company’s booth.

AAID attendees could talk to Michele Batson at the PreXion booth about the company’s CBCT scanners and 3-D viewing software.

Impladent President Maurice Valen, right, and Andrew Valen, vice president, answer questions at the company’s AAID booth.

An AAID attendee tries out equipment at the SurgiTel booth.

Photos by Sierra Rendon, Managing Editor
AAID’s Dental Marketplace helps clinicians do their online shopping

By AAID staff

The American Academy of Implant Dentistry’s online Dental Industry Marketplace is a leading source of information for practitioners seeking to purchase services or supplies. Available from a link on the AAID homepage (www.aaid.com), the Dental Industry Marketplace features industry-specific product and service listings designed to aid AAID members and the implant dentistry community with their purchasing decisions.

The 2013 edition of the buyers’ guide includes request for information (RFI) functionality that allows users to contact participating suppliers with a click of their mouse. With a downloadable desktop search application available, visitors also have the ability to search for items directly from a small search window on their desktops – making the search process convenient and time-efficient.

There is even an app for your Apple device so you can access the Dental Industry Marketplace on the go. Visit the Apple Store to download the AAID mobile app or scan the QR code at right.

For more information, visit www.dentalindustrymarketplace.com or www.aaid.com.
A Legacy of Innovation

**Legacy™ 4 Implant**

All-in-1 Packaging includes implant, fixture-mount, abutment, transfer, cover screw & healing collar — $225 SBM, $250 HA surface

**Torque-safety** feature prevents damage to implant interface

Square top detaches with impression for metal to metal transfer accuracy

Two-Piece fixture-mount (patent pending) with preparable abutment

**Concave transgingival profile** matched with healing collar to shape soft tissue for improved esthetics

**Progressively deeper butress threads**

**Quadruple lead micro threads**

**Three long cutting grooves**

**A Legacy of Innovation from Dr. Gerald Niznick**

Legacy 4 — the culmination of 30 years of evolution

Introducing a revolutionary 2-piece fixture-mount/abutment that provides the accuracy of an open-tray transfer with the simplicity of a closed-tray transfer.

Square top detaches with the impression, providing a snap attachment for abutment/analog.

The abutment portion of the fixture-mount snaps onto the transferred top for the accuracy of a metal-to-metal connection

<table>
<thead>
<tr>
<th>Equipment Type</th>
<th>Our Price</th>
<th>Zimmere Dental*</th>
</tr>
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<tbody>
<tr>
<td>Laboratory Abutment</td>
<td>$85</td>
<td>$162</td>
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<tr>
<td>Straight Screw-On</td>
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<td>$220</td>
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<tr>
<td>Straight Coned</td>
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<tr>
<td>15° Angled Coned</td>
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<td>Gold Plastic</td>
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<td>Zirconia/Alum</td>
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<td>Plastic Temporary Abutment</td>
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<td>Bull Attachment</td>
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<td>GPS** Attachment</td>
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<td>Acroy G5** Attachment</td>
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<tr>
<td>Multiple Use/Cap &amp; Transfer Screw</td>
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<td>Angled</td>
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</tbody>
</table>

*Unless noted price comprises standard US list prices as of January 2013. All abbreviations are property of their respective companies.
**Terms and conditions apply.**

*Not all used for Lab.**

**Indicated websites reflect different implant, fixture, abutment and transfer.**
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BIOMET 3i launches 3i T3

By BIOMET 3i Staff

BIOMET 3i, one of the world’s leading dental implant manufacturers, announced recently that it is launching its new 3i T3 Implant.

The 3i T3 Implant is a contemporary hybrid implant with a new multi-surface topography designed to deliver esthetic results through tissue preservation:

- Coarse micron topography: A resorbable media blasting process using calcium phosphate particles provides 10 micron features, which facilitate blood clot retention along the threaded body of the implant.1
- Fine micron topography: A dual acid-etching process provides 1.3 micron peak-to-peak surface (OSSEOTITE®) that supports platelet activation.2,3 This surface overlays the coarse micron topography and is designed to mitigate the risk of peri-implantitis at the coronal aspect of the implant.2
- Sub-micron topography: The option exists for a more complex topography with the discrete crystalline deposition of calcium phosphate nanoparticles. This surface treatment has demonstrated increased integration throughout the early healing process, helping to facilitate bone bonding.4,5
- Integrated platform switching: BIOMET 3i Implants with integrated platform switching (3i T3 and PREVAIL® Implants) have smaller restorative platforms relative to the total implant platform. This medializes the implant-abutment junction inward, helping to maintain bone levels. Studies show that BIOMET 3i Implants with integrated platform switching demonstrated crestal bone loss as low as 0.37 mm.6

Certain® Internal Connection and the Gold-Tite® Screw:

- Certain® Internal Connection in conjunction with the Gold-Tite Screw is designed to reduce microleakage through its exacting interface tolerances and maximized clamping forces.8 The Gold-Tite Screw design increases the clamping force by 113 percent versus non-coated screws, maximizing abutment stability. The Gold-Tite Surface lubricates and compresses to provide a tighter fit between implant components.9

For more information about BIOMET 3i, visit www.biomet3i.com or contact the company at (800) 342-5454; outside the United States, dial (561) 776-6700.

References

† Aforementioned have financial relationships with BIOMET 3i LLC resulting from speaking engagements, consulting en-gagements and other retained services.

†† Joell Cruz, Prabhu Gubbi, Ph.D., Zach Suttin and Ross Towse conducted this research while employed by BIOMET 3i.
2014 Meisinger’s HIGH ALTITUDE BONE MANAGEMENT WINTER CAMP
February 5th – February 8th 2014 Beaver Creek, Colorado, USA
Speaker Lineup:

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- Dr. Bach Le: Implants in Compromised Sites
- Dr. Daniel Cullum: Sinus Elevation with Coronal Approach
- Dr. John Russo: Soft Tissue Autografts and Allografts
- Dr. George Dello: Conservative Strategies for the Esthetic Zone Implant Placement
- Dr. Robert Gellin: Soft Tissue Autografts and Allografts
- Dr. Avi Scherlitt: Soft Tissue Grafting for Implant Success
- Dr. Sascha Jovanovic: GBR from Ospital Echelle: Implant Therapy to Parti-Implant: Facts, Myths and Limitations
- Dr. Dwayne Karatezew: Avoiding Complications... The Digital Workflow
- Dr. Mitra Sadrameli: Demystifying CBCT
- Dr. Scott Ganz: Avoiding Complications... The Digital Workflow
- Dr. Giles Horrocks: Controlled Assisted Ridge Expansion, the Next Generation
- Dr. Michael S. Block: Horizontal Ridge Augmentation of the Alveolar Mucosa and Posterior Mandible
- Dr. Dan Holtzclaw: Understanding and Application of Anserin Chonit Allografts: A Protein Enriched Barrier to Reduce Surgery Time, Minimize Post-Trauma, and Enhance Esthetic Outcomes and Predictability in Regenerative Procedures
- Dr. Robert J. Miller: Autogenous Growth Factors for 7 Days: Plus a Bioactive Implant System for Better Esthetics
Open your eyes to the benefits of CBCT

**PreXion software makes treatment planning easy**

By Dr. Spencer Wirig

The practice of dentistry requires us to have our eyes wide open to accurately assess vital structures and provide our patients with optimal outcomes. The days of relying on two-dimensional images, when everything in reality is three-dimensional, are over.

Every day, my life is made easier with the information readily available from my PreXion CBCT. Perio patients, who may have difficulty truly seeing the seriousness of their condition, readily pursue treatment after seeing the CBCT. Using 3-D images for endodontics allows a huge improvement in diagnosis and treatment. I am no longer comfortable doing endo on multiple canal teeth without a 3-D image showing me all that I may have missed without this information.

The PreXion software is much more intuitive and easy to use than any other software on the market today. Implants and treatment planning of complex cases become stress free and a joy when using the CBCT. My patients readily accept treatment, and relationships of trust are fostered when patients see the level of care that can be delivered using 3-D imaging.

In this case (Figs. 1-4), a young woman had become stagnant in her ortho treatment, as an impacted maxillary canine had prevented her from progressing. From a periapical or panograph view, very little detailed information was available to provide her with the optimal treatment of orthodontic exposure.

With the PreXion CBCT, formulating the appropriate plan to effectively assess and treat the patient was easy and more predictable. This procedure was completed much faster and comfortably as a direct result of having an accurate scan.

Using the PreXion CBCT will make all who use it better clinicians. I encounter situations daily where I say to myself, “How did I ever practice without this?”

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**About the author**

Dr. Spencer Wirig graduated from the University of Nevada Las Vegas with his bachelor’s degree in 2002, then graduated from the University of Nevada Las Vegas School of Dental Medicine in 2006. He next entered the USAF medical corps in the Advanced Education General Dentistry Residency. While serving in the USAF, Wirig received such accolades as the Junior Clinical Dentist of the Year, Company Grade Officer of the Year and the Air Force Commendation Medal for meritorious service as well as other awards for his diligence in performing the highest degree of dentistry.

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Zimmer Dental offers space-maintaining resorbable porcine membrane

CopiOs Extend Membrane can be used in guided tissue regeneration and guided bone regeneration

Zimmer Dental Inc., a leading provider of dental oral rehabilitation products and a subsidiary of Zimmer Holdings Inc., has announced the availability of the CopiOs Extend™ Membrane — a biocompatible and resorbable collagen-based membrane derived from porcine dermis — for use in a variety of dental surgical procedures, including guided tissue regeneration (GTR) and guided bone regeneration (GBR).

CopiOs Extend Membrane offers clinicians the synergy of space and time — promoting optimum resorption and space maintaining conformance. Lasting six to nine months, the membrane’s extended resorption profile is designed to allow implant placement while subsequently providing ample time for unhindered regeneration. In addition, CopiOs Extend Membrane has been designed to conform to the defect with enough structural integrity for necessary space creation. Its cell occlusive nature allows nutrients to permeate while blocking epithelial cells, thereby creating an environment more suitable for successful GTR and GBR procedures.

Clinicians can feel confident in the safety and performance of the easy-to-use CopiOs Extend Membrane. The biocompatible membrane is composed of highly purified, intact dermis. Supplied sterile, it can be implanted dry or slightly hydrated. Once applied, the membrane is malleable and easy to reposition.

“Zimmer Dental continues to demonstrate a strong commitment to improving patients’ lives and providing clinicians with safe and effective products,” said Harold C. Flynn Jr., Zimmer Dental president. “With the launch of CopiOs Extend Membrane, we have further expanded our industry-leading regenerative portfolio, which complements our innovative dental implants and tried-and-true restorative offerings. Clinicians can rely on this long-lasting, resorbable membrane for a range of oral surgical procedures — from localized ridge augmentation and alveolar ridge reconstruction to filling bone defects, GBR and GTR — for manageable and predictable regenerative outcomes.”

For more information regarding this regenerative option, contact a Zimmer Dental sales consultant or customer service at (800) 854-7019, or visit www.zimmerdental.com.

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